

## CAPILLARY TUBE FLOW CELL AND ITS MANUFACTURING METHOD

Publication number: JP2002267597 (A)

Publication date: 2002-09-18

Inventor(s): SHIKAMATA TAKESHI +

**Applicant(s):** JASCO CORP +

### Classification:

- international: G01N21/05; G01N21/59; G01N21/64; G01N27/447; G01N30/74; G01N21/03; G01N21/59; G01N21/64; G01N27/447; G01N30/00; (IPC1-7): G01N21/05; G01N21/59; G01N21/64; G01N27/447; G01N30/74

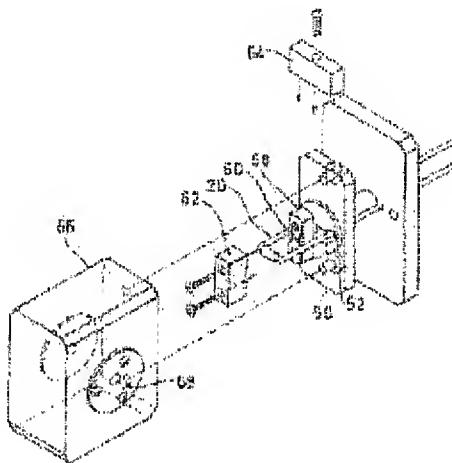
### - European:

Application number: JP20020073713 20020318

Priority number(s): IR20020073713 20020318

Abstract of JP 2002267597 (A)

**PROBLEM TO BE SOLVED:** To provide a capillary tube flow cell with high detecting sensitivity in the analysis of a micro flow rate, and provide the manufacturing method of the capillary flow cell in which an analyst can easily, reproducibly work a capillary tube. **SOLUTION:** An absorbance detecting capillary tube flow cell has a quartz capillary tube bent in a U shape or a Z shape, and a curvature radius of the bent part is limited to less than 2 mm, and the manufacturing method of the capillary tube flow cell contains a process for supporting a part, where a fine tube is passed, of the capillary tube through which the good heat conductive fine tube is passed, in a good heat conductive fine tube fixing support; and a process for heating the vicinity of the end of the fine tube passed into the capillary tube, and bending the capillary tube to form the bent part.



Data supplied from the **espacenet** database — Worldwide